

CLAIMS

What is claimed is:

- 5 1. A method for identifying an owner of a safety marking that is used to
mark an object to which the safety marking is attached in an electric form, comprising the
steps of:
- reading the safety marking into a mobile telephone; and
- decoding, using the mobile telephone, the read safety marking to obtain personal
10 information of the owner which is contained in the safety marking.
2. A method in accordance with claim 1, further comprising:
- generating the safety marking by
- forming, from personal data representing personal information of the
15 user, a first string in a predetermined form,
- encrypting the formed first string to define an encrypted first string,
- electrically signing the encrypted first string, and
- storing the encrypted first string in an electric form in a marking device;
- wherein said reading of the safety marking comprises reading the encrypted first
20 string into the mobile telephone; and

wherein said decoding of the read safety marking comprises decrypting the encrypted first string using a decryption key provided in the mobile telephone.

3. A method in accordance with claim 1, wherein the personal information
5 comprises personal data comprising a biometric sample of the owner of the safety marking.

4. A method in accordance with claim 3, wherein the biometric sample
comprises DNA code in a predetermined form of the owner of the safety marking.

5. A method in accordance with claim 3, wherein the biometric sample
10 comprises a fingerprint specimen in a predetermined form of the owner of the safety marking.

6. A method in accordance with claim 3, wherein the biometric sample
comprises an image, in a predetermined form, of an eye of the owner of the safety marking.

7. A method in accordance with claim 3, wherein the biometric sample is in
15 binary form.

8. A method in accordance with claim 1, wherein the personal information
20 is included in the safety marking to thereby individualize the safety marking.

9. A system for application of a safety marking for marking an object by attaching the safety marking to the object in an electric form, the system including an identification device that comprises a reading device for reading the safety marking and a processor for processing the read safety marking, said system further comprising:

5 means for forming a first string from personal data of an owner of the safety marking;

means for encrypting the formed first string using a public key of the owner to generate an encrypted string;

a marking device for storing the encrypted string in an electric form; and

10 means for decrypting the encrypted string using a decryption key provided in the identification device.

10. A system in accordance with claim 9, wherein said marking device comprises a storage device and a first interface for connecting the marking device to the
15 reading device.

11. A system in accordance with claim 9, wherein the identification device comprises a safety module.

20 12. A system in accordance with claim 11, wherein the safety module comprises a second interface for establishing a connection to said marking device.